

## Claims

- [1] A shelf unit for use in a rack for communication equipment, the shelf unit comprises:  
a front body including a pair of side panels having front and rear ends and defining a space for containing PCBs, and connecting members mounted adjacent to the rear ends of the side panels and protruding outward from the side panels;  
a back board, to which the PCBs are connected, detachably mounted to the rear ends of the side panels of the front body; and  
a rear body including a pair of side panels having front and rear ends and defining a space for containing PCBs connected to the back board, a pair of connecting plates extending forward from the front ends of the side panels and having a distance therebetween so that the connecting plates are in close contact with outer surfaces of the side panels of the front body, and slots provided at the connecting plates into which the respective connecting members are fitted.
- [2] The shelf unit of Claim 1, wherein each of the slots has a substantially L-shaped configuration, which includes a horizontal portion extending horizontally from the front end of the connecting plate and a vertical portion extending vertically upward from the end of the horizontal portion.
- [3] The shelf unit of Claim 1, wherein the each of the connecting members is implemented as a screw, which is fastened into the side panels of the front body by a predetermined depth.